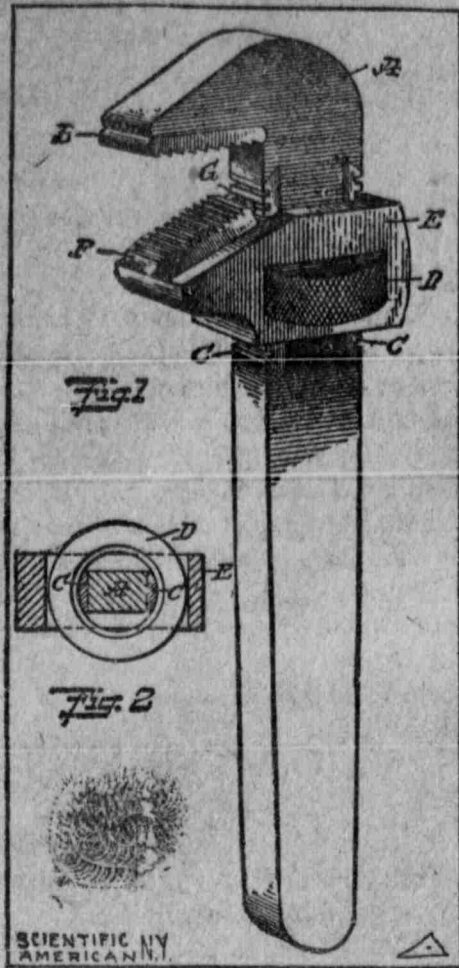


IMPROVED PIPE WRENCH.

Simplicity of Construction a Feature of Useful Tool.

The wrench illustrated herewith is formed with a slidable jaw, which enables it to grip round surfaces. No retaining pins or other detachable retaining devices are used, and an efficient pipe wrench is thus provided with few loose parts. Formed on the main body A of the wrench is a fixed jaw, B. Dovetailed into opposite sides of the body are a pair of detachable



PIPE WRENCH.

racks, C, which are adapted to mesh with the thread of the nut D. This nut is fitted in a frame, E, which in turn is mounted to slide along the body or shank of the wrench. The frame E is extended at one side, and in the inclined upper face of this extension an undercut guideway is formed adapted to receive the slidable jaw F. A spring pressed pin in jaw G bears against the shank A and holds the jaw in its outermost position. In use the nut D is adjusted to close the jaws on the work and then, when the wrench is operated, the sliding jaw moved inward, jamming the work against the upper jaw. Fig. 2 shows a cross sectional view of the mechanism. Mr. Harvey N. Rothweiler of Seattle, Wash., is the inventor of this improved pipe wrench.

PLANT PROTECTION.

Self Defense as Practiced by Various Forms of Vegetation.

Plants are said to protect themselves much the same as do insects. One of the uses of the sensitive plant is to frighten troublesome animals. A venturesome, browsing creature coming too near is evidently afraid to touch a plant so decidedly aggressive.

The squirting cucumber of the Mediterranean alarms goats and cattle by discharging its ripe fruits explosively in their faces the moment the stem is touched. The cucumbers contain a pungent juice that discharges itself into the eye of its opponent, and the resultant smarting sensation is difficult of endurance.

The dainty grass of Parnassus is beautiful, but dishonest. It is a bog herb and has glossy green leaves and pure white blossoms and is supposed to be the poet's flower. Within its milk white flowers lurk the elements of deception, for the drops of honey that the bees and insects fancy they see inside the petals are in reality solid, glassy imitations of the real thing. The flower fools the bee in this way, so that it may carry the pollen to other blossoms, where its kind may be perpetuated.

A New Life Saving Appliance.

Captain G. K. Gandy, R. N. R., is responsible for a useful adjunct to the accepted life saving appliances required by the English board of trade. He has utilized the ordinary canvas cover of a ship's boat so as to form a buoyant raft by the introduction of cork and bamboo cane. This additional element of buoyancy occupies no more room and adds very little weight to the customary equipment of a ship's boat and possesses the material advantage of being in the most natural and convenient place on a vessel for use when occasion arises. To lower a boat its cover must be removed for the operation, and in the case of the buoyant cover it can be either laid aside or thrown overboard and, being attached by a line, is there afloat ready for any emergency. The idea has evidently been well considered. The admiralty has recognized its advantages, the masters having just completed an extensive order for the dockyards.

Poisonous Nettles of the Tropics.

In tropical regions there are nettles far more powerful than that of our own country. The one called Urtica stimulans, which is found in Java, and that called Laportea crenulata, found in Hindustan, when bruised emit an effluvia which poisonously affects the eyes and mouth and if handled produce convulsions and serious swelling and pain in the arms, which may last for three or four weeks and in some cases cause death.

Muslin Better Than Glass.

The use of muslin windows instead of glass in dairy construction is said to help materially in the fight against tuberculosis.

Humor

HER MESSAGE TO SISTER SUE

Mrs. Chatter's Instructions to Hubby Were Long Drawn Out.

"Henry, dear," said little Mrs. Chatter to her husband while he was drawing on his top coat preparing to make the rush for the train that was to take him into the city. "You know our phone isn't working this morning, and I do want to send Sister Sue a message in regard to meeting her this afternoon in the city. Could you, dear, ring Sue up on your phone in the office and give her a message from me? You can as well as not? Thank you, dear. Well, tell her that if it doesn't set in to rain and if Cousin Em doesn't come to take me to ride in her auto this afternoon, as she said she might, but you know how reckless Cousin Em is with her promises, and it wouldn't surprise me if she never thought of it again, but if she should come I don't want to miss the ride, and I'll try to get Sue on the phone by that time and let her know if I go to ride, or if Libbie Brayton doesn't come over to have me help her on that programme we are arranging for the benefit of the day nursery. Tell Sue I will meet her in the waiting room at Ridgeley's at 8, or it may be a quarter after or a quarter before, or if she'd rather have me meet her some place else tell her to try to ring me up and let me know. I guess our phone will be working by that time. Tell her it wasn't working this morning and that is the reason I didn't ring her up, as I said I would, and tell her to try to think to bring me my hatpin and my lace handkerchief that I left when we stayed all night with her Monday night, and ask her if I didn't leave one of my gloves there, and tell her that, after all, I think we'd better meet at some place other than Ridgeley's because that is so far from where we are going, and ask her to try to think to bring me the recipe for that new kind of cake we had at dinner Monday night, for I'd like to try a loaf of it when we have the Brynlys here to dinner Friday. Yes, yes, of course you must get your train, dear. Run along. Only be sure to ring Sue up and tell her that she'd better ring me about noon, and—goodbye! Don't forget—Puck.

Future Peril.

Terrified Passenger (on ocean liner)—Captain, why is the steamer going so slowly and using its searchlight?

Captain—Don't be alarmed, madam. The ship is in no danger. But in a fog like this we are always likely to run into somebody's blooming old balloon and make a nasty mess of it.—Chicago Tribune.

Proof.

Gritty George—Ah, lady, at one time I was a prosperous dentist.

Kind Lady—How can I believe you, my poor man?

Gritty George—How can you doubt me, mum? Why, even de dog shows his teeth when I am around.—St. Louis Post-Dispatch.

A Dreaded Verdict.

Mr. Patterson (as sounds of weeping come from the laundry)—Gracious, dear! Who is that crying?

Mrs. Patterson—The washerwoman, John. She has sued for divorce and is afraid the judge will order her to pay her husband alimony.—Lippincott's Magazine.

Chief of Them All.

"He tried to flatter me, but I'm proud to say he couldn't."

"No? You're a greater flatterer than he is, then, aren't you?"

"How do you mean?"

"You flatter yourself that you can't be flattered."—Catholic Standard and Times.

An Old Family.



"You must be proud of your ancestry. Does it go back very far?"

"Oh, yes! To the reign of terrier."—Browning's Magazine.

Tommy's Regret.

Tommy was about to leave the school where he had spent his first years. He went to the teacher to say goodbye and added: "I am awfully sorry to leave this school. I've had such good times at recess."—Lippincott's Magazine.

A Useful Institution.

"Do you believe in such a thing as luck?"

"Of course," answered Miss Cayenne. "Otherwise it would be impossible to explain the success of people we don't like."—Washington Star.

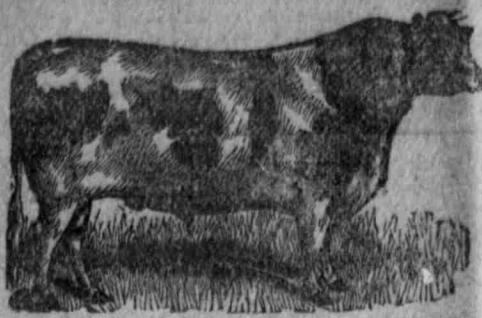
One Was Enough.

"Will you tell me why you treat me so coldly, Miss Green?"

"There are quite a number of reasons, Mr. Mushie. The first is that I don't like you."—Cleveland Plain Dealer.

Serious Ailment.

"Yes," said Mrs. Lapsling, "my husband is much better now. For a day or two, though, he was threatened with tuberculosis of the lungs."—Chicago Tribune.



New Addition

The Best Home Butchered Meats of

All Kinds.

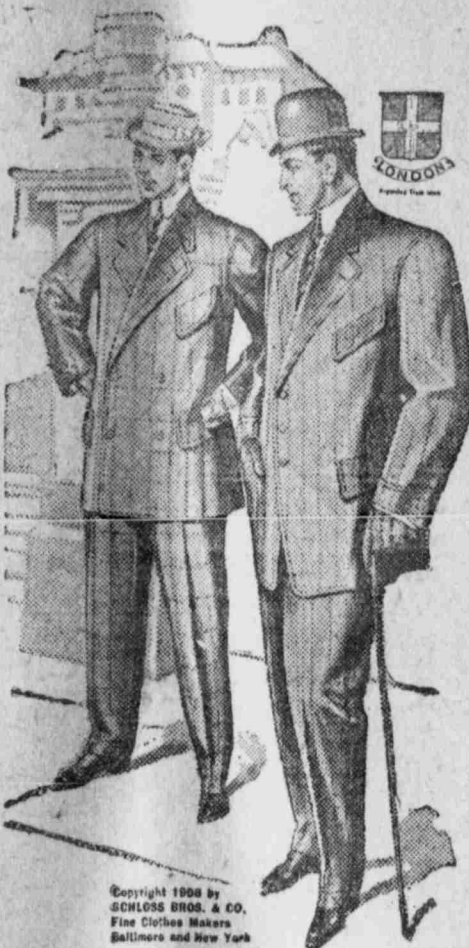
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\$15.00, \$20.00 and \$25.00 Suits

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POOR CONCRETE WORK

Is about the worst investment a man can have. Such work is either due to errors in construction, caused by lack of experience, or improper mixing and proportionment of materials.

Every Bit

of our material is measured and mixed systematically and our construction methods are the result of over

5 years of experience in railroad and sidewalk work. To be on the safe side, let us do YOUR WORK.

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(INCORPORATED.)

THIS COLD WEATHER

Will put in hard work on you if you do not prepare for it.

The Thing You Need is a

Chamoise Vest,

One that fits close to the skin and keeps nature's own heat. Don't wait till too late before you get one. For sale by,

COOK & HIGGINS.

HOME-MADE CANDIES 15c a POUND

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AGENT FOR

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OF EACH MONTH

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Springs, Ind.

Now reached by direct line of the
Southern Railway.

Leave Evansville 7:20 a.m. 2:20 p.m.

" Rockport 7:15 a.m. 2:15 p.m.

" Cannelton 7:15 a.m. 2:15 p.m.

" Tell City 7:25 a.m. 2:22 p.m.

" Troy 7:35 a.m. 2:32 p.m.

Ar. French Lick 10:20 a.m. 5:45 p.m.

Ar. West Baden 10:30 a.m. 5:55 p.m.

Daily except Sunday.

ROUND TRIP RATES—LIMIT 30 DAYS

Evansville to French Lick \$3.16

" to West Baden 3.20

Rockport to French Lick 2.52

" to West Baden 2.56

Cannelton to French Lick 2.72

" to West Baden 2.76

Tell City to French Lick 2.60

" to West Baden 2.64

Troy to French Lick 2.44

" to West Baden 2.48

J. C. BEAM, JR., A. G. P. A.,

St. Louis, Mo.

E. D. STRATTON, P. A.,

Evansville, Ind.



Time Table

In effect November 22, 1908.

NORTH BOUND.

No. 236—Paducah—Cairo

Accommodation leaves 6:40 a.m.

No. 302—Evansville and

Louisville Express

press 11:30 a.m.

No. 340—Princeton mixed 6:25 p.m.

SOUTH BOUND.

No. 341—Hopkinsville mixed

arrives 10:00 a.m.

No. 301—Evansville Express

arrives 6:25 p.m.

No. 321—Hopkinsville—Hopkinsville

—Louisville Mail, arrives 3:50 p.m.

G. R. Newman, Agent.



TIME TABLE.

TRAINS GOING NORTH.

No. 52—St. Louis Express, 10:24 a.m.

No. 54—St. L. Fast Mail, 10:05 p.m.

No. 92—C. & St. L. Lim., 6:06 a.m.

No. 56—Hopkinsville Ae. 8:55 p.m.

No. 94—Dixie Flyer, 5:40 p.m.

TRAINS GOING SOUTH.

No. 51—St. L. Express 5:40 p.m.

No. 53—St. L. Fast Mail 5:35 a.m.

No. 93—C. & N. O. Lim. 11:50 p.m.

No. 55—Hopkinsville Ae. 7:05 a.m.

No. 95—Dixie Flyer 9:43 a.m.

No. 52 and 54 connect at St. Louis and other points west.

No. 51 connects at Memphis, La. and for Louisville.

No. 52 and 54 make direct connection at Guthrie for Louisville, Cincinnati and all points northward east thereof. No. 53 and 55 also connect at Memphis and other points.

No. 92 runs through to Chicago and will not carry passengers to St. Louis or Evansville.

Also carries through sleepers to St. Louis, Jackson, St. Augustine and Tampa, Fla.

Also Pullman sleepers to New Orleans. Connect at Guthrie for points west and west.

No. 52 will not carry local passengers for points north of Nashville, Tenn.